

## December 2005 Update

### Chemical Sales Company Superfund Site Commerce City, Colorado (Review Date: 9/25/2002)

#### *Highlights Since the 2002 5-Year Review*

- **March 2005 implemented plan to fix sluggish Trammel Crow degradation**
  - **Home with potential indoor air problems purchased and demolished**
- 

**Brief Site History:** The Chemical Sales Company (CSC) site covers about five square miles in a mainly light-industrial area of northeastern Denver. The company was a wholesale distributor of commercial/industrial chemicals, detergents and water leisure products. Ground-water studies by EPA led to the discovery of CSC as a source of contamination in the area by volatile organic compounds (VOCs). The 1990 Risk Assessment showed that use of the contaminated ground water for drinking, cooking or bathing could increase the chance of developing cancer. Breathing indoor air poses a potential risk if residents use the contaminated water for showering, bathing or cooking. EPA proposed the CSC site for its National Priorities List in June 1988 and finalized the listing in August 1990.

**Cleanup Activities Completed:** A number of cleanup activities have been completed since 1986, including the following:

- Connection of over 400 residences to the South Adams County Water and Sanitation District (SACWSD) municipal supply in 1986, 1992 and 1995.
- Construction of the Klein Treatment Plant for SACWSD in 1989.
- Removal of leaking and corroded drums from the CSC property in 1989.
- Construction of an air sparging/soil-vapor extraction system in 2000 to clean up the source area.

**Current Status:** Current Operation & Maintenance activities include operating the system and monitoring ground water throughout the site.

**Summary of Protectiveness:** The remedy at the Chemical Sales Company Superfund Site is expected to be protective of human health and the environment. The AS/SVE System is operating as designed. Generally, areas that have been closed or reclaimed are functioning as designed and contaminant levels are consistent with expectations listed in the site's decision documents.

**Issues Impacting Protectiveness:** A few issues that do not immediately impact the protectiveness of the remedy were noted. The following table summarizes the status of the follow-up actions addressing these issues.

**Chemical Sales Company Superfund Site  
Five-Year Review Update Table  
(Review Date: 9/25/2002)**

Issues	Recommendations Follow-Up Actions	Follow-Up Actions (Status/Due Date)	Status of Follow- up Actions 12/04	Responsible Party
1) Sluggish Trammel Crow degradation	Injection of agents to increase degradation	CDPHE hired a contractor to evaluate present conditions and develop viable plans of action by March 2004.	By March of 2005, CDPHE's contractor developed and implemented a viable plan of action.	Colorado Department of Public Health and Environment (CDPHE)
2) Indoor Air Monitoring Samples	Check home for cracks in basement and other sources of VOC.	The home of interest was purchased and demolished in Spring of 2003. The property is vacant – therefore, potential indoor air problems do not exist.	The home of interest was purchased and demolished in Spring of 2003. The property is vacant – therefore, potential indoor air problems do not exist.	CDPHE